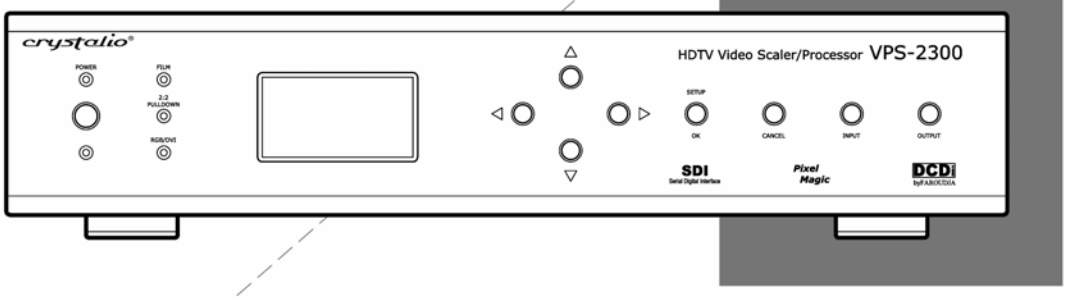
crystalio®

HDTV Video Scaler / Processor VPS-2300



QUICK GUIDE

Installation and Setup

Hardware
Installation

1 Power

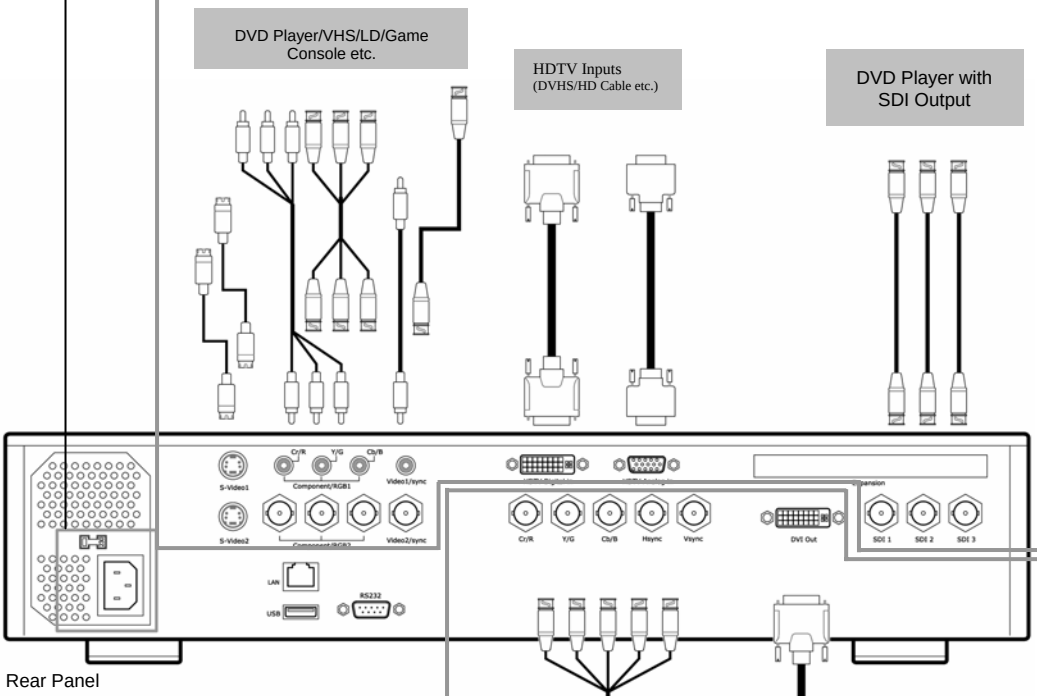
Before turning on the power of *Crystalio*®, ensure that the voltage is set to that of your mains voltage.

With the power cable provided, connect *Crystalio*® to a power point.

2 Video Input

Connect input device(s) (e.g. DVD player, VHS Player, game console, *etc.*) to the terminals at the back of *Crystalio.*

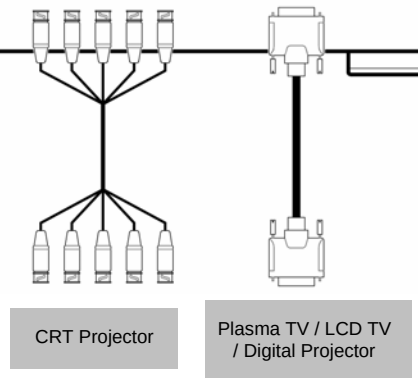
Crystalio supports a great variety of video devices as input sources. Basically, there are two broad types of input formats, namely Standard Definition Video (SDTV) and High Definition Video (HDTV) inputs. Some devices have both formats available while others may have either one only. The corresponding terminals for various video source types are illustrated in the diagram below.



TIPS

As a rule of thumb, always connect the highest quality output that the video source provides to *Crystalio*

3 Video Output



Connect output terminals of *Crystalio* to output device(s), such as Plasma TV, LCD monitor, projector, etc.

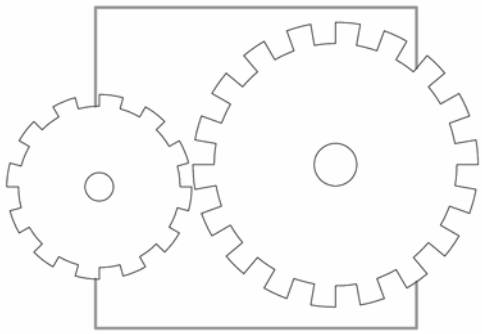
Crystalio supports both digital and analog display devices. There are three ways to connect *Crystalio* to display devices, i.e. Analog Component (YPbPr), Analog RGB (RGBHV) and DVI outputs.

TIPS

Again, for devices with more than one video format, always choose digital connection wherever possible for maximum output quality

You may now turn on the power and proceed to System Setup

System
Setup

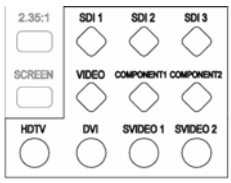


Input Setup

1 Select Input Terminal

Using remote control

Press the key of the type of input terminal via which your input device has been connected (For HDTV analog input, repeat to press the **HDTV** key to cycle through the **HDTV Component**, **RGB** and **RGBHV** options)



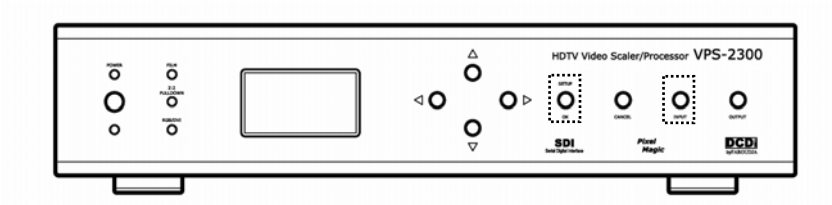
OR

Using front panel control

> Press SETUP/OK > Choose Input Select > Press SETUP/OK > Choose input terminal via which your input device is connected > Press SETUP/OK

VP SET UP
> Input Select
Aspect Ratio
Video Settings
Advanced
System Config
AR Profile
Video Profile
Pixel Magic

INPUT SELECT
HDTV Compnt
HDTV RGBHV
HDTV RGB
> HDTV DVI
SDI 1
SDI 2
SDI 3
Component 1
.....



OR

Press **INPUT** button to cycle through the various input terminals
> stop at the one via which your input device is connected

2 Set Input Format for the terminal being selected

On the front panel

> Press SETUP/OK > Choose System Config > Press SETUP/OK > Choose Input Format > Press SETUP/OK > Choose SDTV or HDTV for auto detection

VP SET UP
Input Select
Aspect Ratio
Video Settings
Advanced
> System Config
AR Profile
Video Profile
Pixel Magic

SYSTEM CONFIG
> Input Format
HD Active Wnd
Output Select
Resolution
Output Format
H sync /V sync
Pre Y/C Delay
Post Y/C Delay
Screen A.R.
SDI Polarity
Port Arrange
Hardware Reset
Factory Setting

INPUT FORMAT
480i (NTSC)
576i (PAL)
> SDTV

for SDTV input

INPUT FORMAT
576p
480p
800x600p
1024x768p
1280x1024p
> HDTV

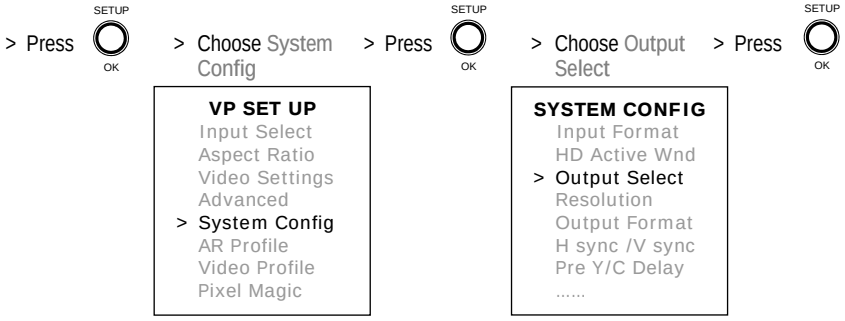
for HDTV input

Output Setup

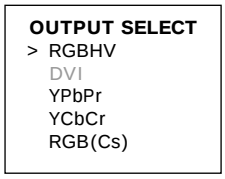
3 Select Output Terminal

On the front panel

> Press SETUP/OK > Choose System Config > Press SETUP/OK > Choose Output Select > Press SETUP/OK > Choose DVI for digital device / RGBHV or YPbPr for analog device



for digital device



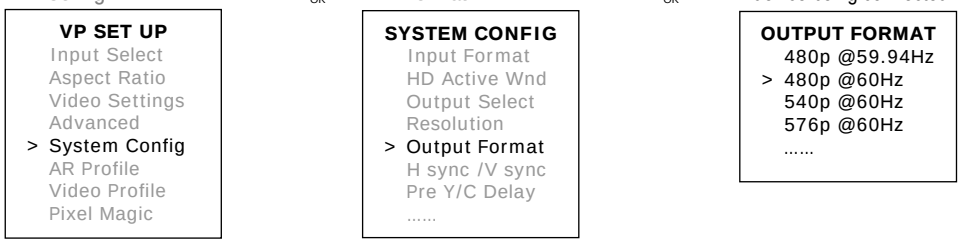
for analog device

OR

Press **OUTPUT** button to cycle through the various output terminals
> stop at the one via which your display device is connected

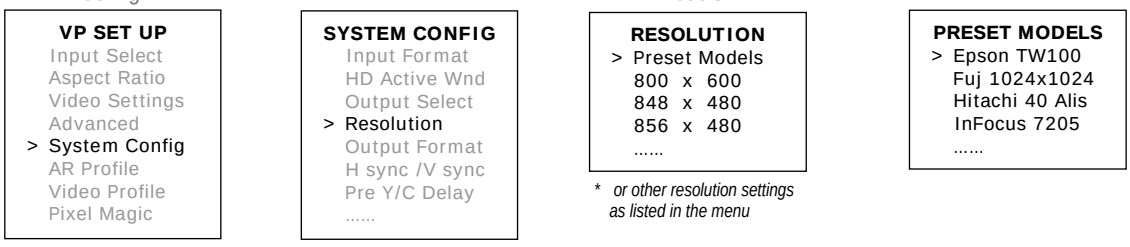
4 Set Output Format for analog device (i.e. CRT Projector)

> Press SETUP/OK > Choose System Config > Press SETUP/OK > Choose Output Format > Press SETUP/OK > Choose output format of the display device being connected



5 Set Resolution for digital device (i.e. digital projector, Plasma and LCD TV.)

> Press SETUP/OK > Choose System Config > Press SETUP/OK > Choose Resolution > Press SETUP/OK > Choose Preset Models * > Press SETUP/OK > Select the display device being connected



* *or other resolution settings as listed in the menu*

Setup completed!

Please refer to User Manual for details on advanced setup, and visit www.crystalio.com to upgrade the firmware for best performance